

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



62.41  
-1953-  
THE BEST IN WATER LILIES

*Valley*



## WATER GARDENS & NURSERY

411 FITZHUGH STREET  
BAY CITY, MICHIGAN

## WATER LILIES

*Fancy - - GOLD FISH - - Aquatics*

*We Supply Everything For Your Lily Pool*

CHRYSANTHEMUMS

HARDY ASTERS

Return Postage Guaranteed

U.S. Dept. of Agriculture  
Library  
Washington 25, D.C.

# READ THIS PAGE BEFORE ORDERING

## HOW TO ORDER - - - OUR POLICY

Remit by money order, draft, express money order, or check.

Always use order blank for making out your order.

### OUR GUARANTEE

We guarantee to send you large blooming size, healthy roots and plants. If any fail to grow and we are notified by July 1st, this year, we will gladly replace, **EXPRESS COLLECT**. (NOTE — Lotus cannot be replaced after June 15th, because of root growth.) Should replacement be desired please give probable cause of failure in detail. We guarantee live delivery of goldfish and scavengers. If more than 1 or 2 fish are lost in shipping and we are notified within 10 days, we will gladly replace number lost, **EXPRESS COLLECT**. Please do not ask for replacement if just one or two fish die as we always give a few extra fish with every order. **NOTE:—WE CAN REPLACE GOLDFISH ONLY WHEN A BAD ORDER REPORT FROM YOUR LOCAL EXPRESS OFFICE ACCOMPANIES THE REQUEST.**

### CAUTION

Be sure to give your name in full, express office, post office, R.F.D. street address, name of city or town, and state. PLEASE PRINT.

### HOW AND WHEN WE SHIP

If ordered to be shipped by parcel post, the purchaser must agree to refund any postage which we advance. All parcel post packages must travel at purchaser's risk.

All shipments travel by **EXPRESS COLLECT**. Goldfish and scavengers are shipped in water.

We ship Hardy Water Lilies after May 1st. Tropical Lilies after June 1st (or when the water temperature reaches near 70 degrees in the out door pool).

### TERMS

We accept orders only when accompanied by funds sufficient to cover the cost of the goods ordered. We ship no goods C.O.D. nor do we open charge accounts.

When ordering goldfish, kindly include \$ .50 for shipping can. This can is not returnable.

Large goldfish orders are shipped in special containers which must be returned at once, Express **PREPAID**.

### ORDER EARLY

This is important for two reasons. By ordering early you are certain of getting exactly what you want. You also get the best of everything, besides helping us to avoid the rush. We will ship at proper planting time.

CANADIAN CUSTOMERS may avoid delay by enclosing with their order the number of their permit to import. This form is obtainable from the Plant Pest Board, Dept. of Agriculture, Ottawa, Ontario, Canada.

### OUR PRICES

We believe our prices are as low as anywhere else in the country where quality merchandise is sold. Some may offer cheaper prices, but you may be shorted on quality. We have nothing but the best.

# Valley's Hardy Water Lilies

Hardy Water Lilies are one of the easiest of all flowers to grow. Just plant them horizontally in a box (2 feet square by 1 foot deep), half barrel, tub, or bushel basket and watch them grow. They do best with about 1 foot of water over their roots. For best results mix VALLEY WAGAR (the perfect water lily fertilizer) into soil. Hardy lilies may be planted in bottom of pool.

Hardy lilies are all day bloomers. They open in the morning and close in the afternoon. Each flower lasts 3 to 5 days. They also bloom CONTINUOUSLY all summer.

## RED

**AFLAME (Escarboucle)**—A beautiful red lily that may be easily grouped with other varieties. It is a brilliant red, a free bloomer and a strong grower. This variety is still quite scarce.... \$ 5.50

**JAMES BRYDON**—This is a fine cup shaped red lily. It is indeed difficult to describe the beauty of this variety as its beauty must be seen to be appreciated. A free bloomer. Flowers measure 4 to 5 inches across. A desirable variety.... \$4.50

**GLORIOSA**—Here is a truly red lily, and it should be included in every selection. It is deep carmine red and often 6 to 7 inches across. It can easily be grown in either a pool or tub garden...\$4.00

**ATTRACTION**—We readily admit that this lily is the leader of all red water lilies. When open it is a garnet red. This lily often produces flowers 8 to 10 inches across. Why not display one of these beautiful lilies in your pool?.... \$5.00

## YELLOW

**SUNRISE**—Among the yellow hardy water lilies this lily is supreme. It opens early in the morning, and is a free bloomer. The flowers are often 8 to 10 inches across, and are held well above the

water. This beautiful sulphur yellow bloom with its pointed petals is a joy to behold ..... \$5.00

**GOLDEN CUP**—This charming lemon-yellow flower, with its leaves mottled with brown makes a wonderful contrast with the red, pink and white lilies. Flowers 4 to 6 inches, and fragrant. Ideal for small pool or tub garden..... \$3.50

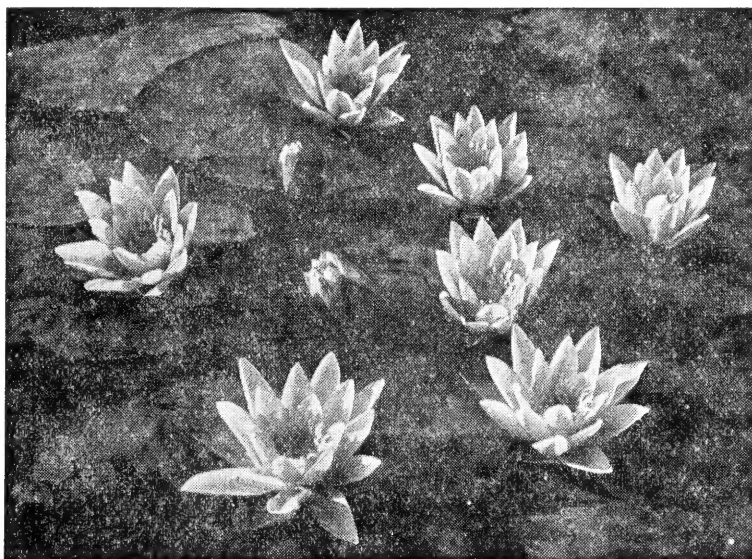
## WHITE

**SNOWBALL (Gonnere)**—A large double flowering white hardy lily. The petals are pure white and it resembles a large snowball. Very free blooming and the best white lily grown..... \$4.00

**GLADSTONE**—This is the largest of the white lilies, and needs a lot of room to develop its true beauty. The large pure white flowers are often 6 to 8 inches across. A free bloomer.....\$3.00

## PINK

**ROSE AREY**—Without this beautiful fragrant pink lily no collection is complete. The flowers are deep pink and sometimes reach 8 inches in diameter. This is one of the best lilies to produce the numerous blooms that you will enjoy ..... \$3.50



**SOMPTUOSA** — This variety produces very large double flowers and is fragrant. The petals are rosy-pink and the stamens a beautiful orange shade. A very pleasing variety ..... **\$4.50**

**AMABALIS** — A beautiful star shaped pink lily. One of the earliest to bloom in the spring, and the last to stop in the fall. The flower stands above the water **\$3.50**

**MARLIAC FLESH** — Large soft flesh pink, deeper toward the center. A vigorous

variety. A very free bloomer, and one that gives off a sweet fragrance. Recommended for pool or tub garden **\$3.00**

**PINK CHARM** — A very charming light pink. Fragrant. A moderate bloomer ..... **\$2.00**

**AURORA** — This is a pigmy lily and is ideal for tub gardens, because of its small size. The flowers open a deep rosy-yellow, then changes to red as it ages ..... **\$3.00**

## *Valley's Tropical Water Lilies*

Tropical Water Lilies are the largest, most fragrant and loveliest of all water lilies. Only in the Tropical lily will you find 24 hours of continuous blooming. There you will also find colors of blue and purple which cannot be found in the hardy lilies. Some varieties will produce flowers 8 to 12 inches across. Their exotic fragrance can be detected several feet away. They are better bloomers than Hardies and are at their best in the late summer when the Hardy Lilies are on the decline.

There are two types of Tropical lilies, Day Bloomers and Night Bloomers. Both are best treated as annuals, unless you have a greenhouse to winter them. Give them at least 4 feet of space if you want them at their best. August Koch will do well in a tub or half barrel as its leaf spread is more confined.

Tropical lilies hold their flowers 6 to 18 inches above the water. All lilies are carefully selected and only large healthy plants grown in 5 inch pots are shipped.

They are very easy to grow. Fill a box 18 inches square and a foot deep, with rich soil, cover over with an inch of sand and sink into pool. Always plant Tropicals after container has been placed in pool. Tropicals have very thin leaves and the sun or wind will soon wither them if they are left out of water.

Tropicals should not be set out until warm weather definitely arrives. They may be stunted by the cold and never recover if planted too early. We ship Tropicals after the 1st of June.

## *Day Blooming Tropicals*

### **WHITE**

**MRS. GEO. A. PRING** — This is truly one of the largest white tropical lilies. This lily is one of the new varieties, and it being pure white blends readily with other lilies in the pool. It is very fragrant and has been known to produce 13 inch blooms. It will bloom in very small quarters ..... **\$3.00**

### **PINK**

**MRS. C. W. WARD** — A very desirable variety with its rich rosy pink petals and golden yellow stamens. The flowers are large 8 to 10 inches, and are held well above the water. A welcome addition to any pool..... **\$3.50**

**GENERAL PERSHING** — This is one of the finest of the day blooming pink Tropicals. The flowers are from 8 to 10 inches across and open from 4 to 6 days. The flowers are delightfully fragrant and open very early in the morning. Its dark green buds are striped with purple. A very free bloomer... **\$3.50**

### **BLUE**

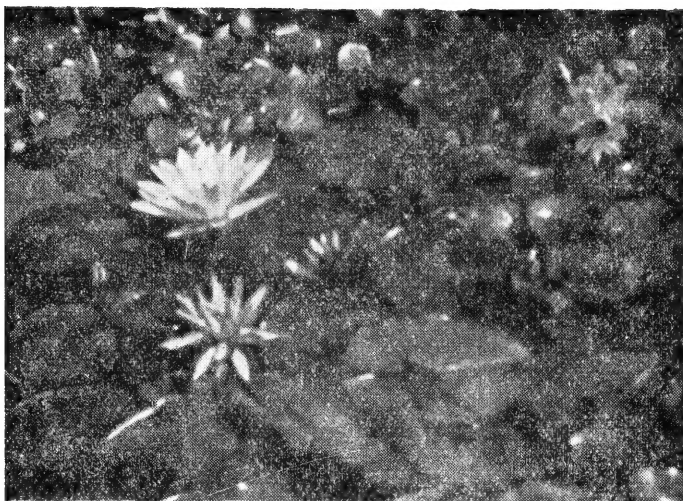
**BLUE BEAUTY (Pennsylvania)** — This is one of the oldest blue flowering tropical lilies. Flowers are 10-12 inches across and deep blue in color with yellow stamens. This is a prolific bloomer, and it will repay you many times in the beauty it adds to your pool... **\$3.50**

**MRS. EDWARDS WHITAKER** — A beautiful light blue lily. It is a very free bloomer with as many as 4 or 5 flowers open at one time, and numerous buds ready to replace them. The flowers are sometimes a foot across. The flower opens a beautiful sky blue and changes to white as the flower ages..... **\$3.50**

### **PURPLE**

**AUGUST KOCH** — Flowers are 7 to 8 inches across and rise 8 to 10 inches above the water. It is a very free bloomer and will produce young plants from the surface of the leaves. A very desirable variety ..... **\$3.25**





## *Night Blooming Tropicals*

### **WHITE**

**MISSOURI** — This large white night blooming tropical leads the parade of tropicals. The flowers are often 12 inches across. Blooms early. . . . . **\$3.25**

### **PINK**

**EMILY G. HUTCHINGS** — Giant red. It produces exceedingly large cup shaped red

flowers. Will command attention wherever displayed . . . . . **\$3.25**

### **RED**

**H. C. HAARSTICK** — The brilliant red, large shaped flowers and its copper colored leaves make it a standout wherever grown. The finest red night bloomer . . . . . **\$3.00**

## *The Sacred Lotus or Nelumbium*

The Lotus is the easiest to grown of all flowers. A beautiful Lotus growing in the back ground, or the center of the pool makes a fascinating picture, complete. The Lotus does not require a large pool as it can be grown in a tub or half-barrel set on top of the ground (or sunk). The large leaves, often 2 feet in diameter, grow 2 feet above the water, and above them appear the exotic large fragrant flowers. The flowers remain open day and night. No water garden is complete without the beautiful Lotus.

**CULTURAL DIRECTIONS** — Fill a tub half full of rich soil, mix in some Wagar fertilizer, fill up with water, and plant.

The Lotus will do better if planted in large boxes (3 feet square by 1 foot deep) and placed in the pool. They should not have over 1 foot of water above them, (6 inches is best).

**LOTUS FERTILIZER** — Most of the failures with Lotus are due to the fertilizer used or lack of fertilizer. The Lotus is very particular about the fertilizer used. The only fertilizer we recommend is our VALLEY WAGAR. Use 2 or 3 pounds and place in **BOTTOM OF CONTAINER**. A clay type soil is preferred. Avoid using rotted dairy fertilizer, except in **bottom** of planting tub.

**ORDER LOTUS EARLY** — Lotus make such rapid root growth in early June that we cannot dig them after June 15th.

**NOTE** — MOST OF OUR LOTUS BLOOM THE FIRST YEAR, 2 or 3 months after planting.

**EGYPTIAN PINK LOTUS (The Sacred Lotus of the Nile)** — A very pretty shade of pink, with a spicy fragrance. This variety is very hardy once established. . . . . **\$5.00**

**AMERICAN YELLOW LOTUS** — Beautiful huge creamy-yellow flowers. Very free blooming, with flowers 8 to 10 inches in diameter. This plant will make a perfect background for your pool . . . . . **\$4.00**

# Oxygenating Plants for Pools

THESE PLANTS ARE AN ABSOLUTE NECESSITY IN YOUR POOL IF YOU WISH TO KEEP THE WATER PURE AND CLEAR, PROVIDE SPAWNING PLANTS FOR YOUR FISH, AND TO HAVE A PLACE FOR YOUR BABY FISH TO HIDE.

Every pool needs oxygenating plants to help keep the water clear. Their duty is to absorb the impurities from the water. They release oxygen, which helps prevent the growth of algae that turn the water green. The plants absorb the carbon dioxide which the fish give off. They also set up a balanced or natural condition necessary in every pool. During spawning, the fish eggs adhere to the plants, and after the eggs hatch, the baby fish have a chance to escape being eaten by the larger fish, as the foliage of the plants provide a perfect hiding place.

## HOW TO PLANT OXYGENATING PLANTS

Fill a small box or pot with good garden soil to within 1 inch of the top, and plant the oxygenating plants. Fill the remaining inch of pot with sand. Sand prevents the water from becoming muddy after the plants are placed in the pool. The pot or box should be set on the bottom of the pool. Never plant oxygenating plants in the same container with lilies.

**MARESTAIL (*Ceratophyllum*)** — A very good oxygenating plant. Foliage a light green and long stems covered with thousands of fine green needles. This plant should be in every pool as it is an excellent oxygenator. . . . . **Large Bunch \$ .60**

**ANACHARIS** — This is a native plant with dark green foliage and lighter stems. Very hardy . . . . . **Large Bunch \$ .60**

**COBOMBA** — Bright green, fan shaped leaves. Green or red stems. A very good plant for pool or aquarium. . . . . **Large Bunch \$ .60**

**LUDWIGEA** — Round leaves, green above; pink underneath. This is an ideal aquarium plant . . . . . **Large Bunch \$ .60**

## Floating Plants

These are plants that float on the water surface. They help keep the water clear by absorbing algae (green water). Except for Floating Heart and Parrot Feather you do not have to plant FLOATING PLANTS.

**NOTE:**—WATER HYACINTH and DUCKWEED should be in every pool where goldfish are kept.

**DUCKWEED** — This plant resembles small green polka-dots as it floats on the water. A very good FISH FOOD. . . . . **Large Portion, \$ .60; 3 for \$1.25**

**WATER HYACINTH** — A very interesting and showy floating water plant. The leaves are glossy green. Beautiful lavender-orchid flower spikes that resemble true hyacinth. Stems have interesting bulbs (air chambers) which enable the plants to float upright. Goldfish love to spawn in their long bushy roots. Grown best where tips of roots can reach soil. Killed by frost and should be treated as an annual . . . . . **2 for \$ .50; 5 for \$1.00; 12 for \$2.25**

**PARROT FEATHER** — Delightful bright green foliage trails over water. Press lightly into soil at water level. Not hardy. . . . . **3 for \$ .60; 7 for \$1.25; 12 for \$1.75**

**FLOATING HEART** — This plant has small water-lily like leaves, with bright yellow flowers. Plant in soil from 2 to 6 inches below water surface. Hardy . . . . . **\$ .25 each; 12 for \$2.00**

### FLOATING WATER PLANT COLLECTION

**\$2.50**

**Large portion DUCKWEED, 4 WATER HYACINTH, 4 FLOATING HEART and 5 PARROT FEATHER**



# Shallow Water and Bog Plants

Nature has supplied her ponds with a profusion of Shallow Water and Bog plants. You will find tall growing, and small plants growing all about. This natural effect can be reproduced in your pool with a little careful planning.

You will find that all varieties listed below are hardy. If they are to be considered as annuals, a note will be made in the description of the variety.

**THESE PLANTS ARE PLANTED IN MOIST SOIL TO 6 INCHES OF WATER. MOST SHALLOW WATER AND BOG PLANTS ARE VIGOROUS GROWERS AND SHOULD NOT BE ALLOWED TO OUTGROW THE SPACE ALLOTTED THEM. THEY ARE BEST PLANTED IN POTS OR BOXES, IN THIS WAY GROWTH MAY BE CONTROLLED.**

**GIANT DOUBLE FLOWERING ARROWHEAD** — One of the finest shallow water plants. Large double white flowers and huge arrowhead leaves. Supply limited. Grows to 4 feet. .... **Each \$1.15**

**PICKEREL RUSH** — This is a native aquatic. Beautiful blue flowers, and blooms continually. Delightful bright green leaves. Grows 2 feet. **Each \$ .30; 12 for \$2.25**

**SWEET FLAG** — This is a fine plant with sword-like leaves colored green and white. Grows 2 feet. This plant has a sweet fragrance. .... **Each \$ .30; 12 for \$2.50**

**BLUE WATER IRIS** — A tall sword-like plant having beautiful blue flowers. An ideal plant for naturalizing. .... **Each \$ .30; 12 for \$2.50**

**YELLOW WATER IRIS** — Same as above only flowers are a beautiful yellow. .... **Each \$ .30; 12 for \$2.50**

**GIANT ARROW HEAD** — A beautiful plant having leaves shaped like arrows. Grows from 1 to 3 feet producing large spikes of white flowers. **Each \$ .25; 12 for \$2.00**

**GRACEFUL CATTAIL** — A beautiful native plant. Very ornamental. Grows to 4 feet. Has brown flower. Easy to grow. .... **5 for \$1.15; 12 for \$2.00**

**MARSH MARIGOLD** — Beautiful native bog plant. This plant is at home in the moist edges of the pool. Clusters of bright yellow flowers. Blooms in early spring. Grows 15 inches .... **Each \$ .30; 12 for \$2.25**

**WILD RICE** — Here is a beautiful tall native plant. It sends up reed like stems 6 to 10 feet, and rice pod is help atop each stem. These plants produce one of the favorite foods of wild fowl. This plant should be in every pool. .... **7 for \$1.15; 18 for \$2.00**

**WATER FORGET-ME-NOT** — Lovely bright blue flowers. Will grow in moist soil or shallow water. Ideal for edge of pool. 8 to 12 inches. **Each \$ .30; 12 for \$2.25**

**WATER CANNA** — A beautiful canna-like aquatic. The green leaves have a red border and the rich purple flowers are very pleasing to the eye. Grows 3 to 5 feet. Plant at least 3 together and fertilize soil with 1 pound of Valley Wagar. .... **Each \$ .85; 3 for \$2.25**

**WATER POPPY** — A small aquatic producing large yellow poppy flowers. Its waxy green leaves flat on the water surface. Free blooming. Not hardy. Treat as annual. .... **Each \$ .35; 4 for \$1.25**

**FLOWERING RUSH** — This plant has 3 sided leaves and pink flowers. Helps create a natural effect .... **3 for \$1.00**

**UMBRELLA PALM** — Grows well in water or moist soil. Palm like leaves grow 2 feet above water. A tropical plant and not hardy. May be wintered indoors. Very ornamental .... **Each \$ .40; 3 for \$1.10**

## Water Plant Collection

5 Choice Plants ..... **\$1.25**  
12 Choice Plants ..... **2.25**  
(Will include 2 of some kinds)

NOTE—Water Canna and double flowering Arrowhead not included.

## Super Water Plant Collection

### ALL CHOICE VARIETIES

1 Giant Double Flowering Arrowhead  
1 Water Canna      3 Flowering Rush  
2 Pickerel Rush      3 Water Hyacinth  
**ALL FOR \$3.50**

*Fancy*

**GOLDFISH**

*Selected*

Goldfish are an absolute necessity for the lily pool or tub garden. There is nothing more restful on a hot summer day than to sit near your pool and watch the movements of the goldfish as they swim about in the still water. Any owner of a lily pool can gain much relaxation in this manner.

These beautiful goldfish are not only ornamental, but are very necessary in your pool, as they destroy the mosquito population by eating the larvae before it has a chance to hatch.

All the goldfish we ship are breeding size. If you order goldfish early enough, and have your pool well stocked with plants, you will be rewarded by having baby fish during the summer.

Our goldfish are very hardy and can be left in the pool all winter.

## PLEASE READ - IMPORTANT

Have your pool ready to receive the plants and fish when they arrive. The pool should be filled with water and let stand for a few days before placing the plants and fish. When the fish arrive place them in the pool **AT ONCE**. The fish are crowded in cans during transit and exhaust the oxygen content of the water, so immediate steps are necessary to provide a fresh supply.

**CAUTION** — Do not put goldfish in a new cement pool until it has been filled and drained at least 3 times, during a two week period. Alkali from cement may kill fish.

**PRICES** — All fish must be shipped by **EXPRESS, CHARGES COLLECT**. When you order goldfish please include \$ .50 extra to cover the cost of a shipping can which is not returnable. Large orders of fish will be shipped in our large returnable cans.

**SELECTED COMMON-COMET** — These fish are beautifully colored. Some with long flowing tails. Very active. 4 to 6 inch **BREEDERS**.....**Pair \$2.00; Dozen \$10.00**

**FANCY FANTAILS** — These fish are the most beautiful of all goldfish. They have gorgeous fan-shaped tails. 3 to 5 inch. **BREEDERS**.....**Pair \$2.25; Dozen \$10.00**

**CALICO SHUBUNKINS** — Every color in the rainbow is displayed in this variety. While blue is the main color, it is spotted with gold, red, brown, white and lavender. No pool is complete without these beautiful fish. We ship only large 4 to 6 inch **Breeders** .....**Pair \$2.00; Dozen \$9.00**

**BLACK MOORS** — A coal-black color makes this an interesting pool fish. They have large bulging eyes. Medium size.....**Pair \$2.00; Dozen \$10.00**

### *Special* — **SMALL GOLDFISH**

#### **WHY NOT INCLUDE SOME OF THESE SMALL GOLDFISH IN YOUR ORDER?**

These fish are the same high quality as the breeders listed, only that due to their size, they will not spawn this year. These fish are 2 to 2½ inches. We cannot accept orders for less than 1 dozen. These are mixed varieties.

**12 — 2-2½ inch \$3.00; 50 — \$10.00; 100 — \$17.00**

**GOLDEN ORF**—The golden orf is a decidedly active fish and a brilliant one for your pool. They often leap out of the water after insects, which is very interesting to watch. The golden orf is a native of Europe and is very hardy. It can be kept in the pool with goldfish.

**3 to 4 inch — Pair \$2.00; 6 for \$5.00 Dozen \$7.50**

### **AQUIK — THE PERFECT POOL FISH FOOD**

Feed every other day what the fish will eat in 10 to 15 minutes.

**1 Quart \$1.40**

**3 Quarts \$3.50**

# Scavengers

Every pool needs Scavengers. They are the housekeepers of the pool. Allow 2 Scavengers for every square foot of pool. A pool 5 x 10 should have 100 scavengers and NO LESS.

**CORAL OR REDRAMSHORN SNAILS** — A hardy snail curled like the horn of the ram. Very colorful and useful. . . . . **5 for \$ .60; 12 for \$1.10; 100 for \$6.50**

**LIVE BEARING TRAP DOOR SNAILS** — The largest of all hardy snails. They devour algae and green scum. . . . . **5 for \$ .60; 12 for \$1.10**

**POND SNAILS** — A very active native snail, hardy. . . . . **5 for \$ .60; 12 for \$1.10**

**SPIRAL TRUMPHEE SNAILS** — One of the best hardy snails. . . . **5 for \$ .60; 12 for \$1.10**

**TADPOLES** — Will transform into frogs during summer, very useful as they eat decayed matter in the pool. . . . . **5 for \$ .60; 12 for \$1.10**

**GREEN FROGS** — Expert insect destroyers. . . . . **2 for \$ .75; 6 for \$2.00**

## SCAVENGER COLLECTIONS

**25 ASSORTED SCAVENGERS**. . . . . **\$2.50**  
For the small pool (3' x 4'). A good assortment of snails and tadpoles.

**50 ASSORTED SCAVENGERS**. . . . . **\$4.50**  
For the medium size pool (4' x 6'). Same fine assortment as above.

**100 ASSORTED SCAVENGERS**. . . . . **\$7.50**  
For the large size pool (5' x 10'). Same fine assortment as above.

**NOTE — TADPOLES** must be shipped in water. Please include \$ .50 extra to cover the cost of shipping can which is not returnable. Snails can be shipped in damp moss with water lilies.

### ASSORTED SNAIL COLLECTION

<b>12 ASSORTED HARDY SNAILS</b> — For the Tub Garden . . . . .	<b>\$1.10</b>
<b>30 ASSORTED HARDY SNAILS</b> — For the Small Pool . . . . .	<b>2.50</b>
<b>50 ASSORTED HARDY SNAILS</b> — For the Medium Size Pool . . . . .	<b>4.00</b>
<b>100 ASSORTED HARDY SNAILS</b> — For the Large Pool . . . . .	<b>6.50</b>

## CULTURAL DIRECTIONS

### HOW TO PLANT

Water lilies are easy to grow. Hardy water lilies may be planted in water from 6 to 18 inches deep and are planted simply by pressing the root into the soil at the bottom. Small pools should be at least 1 foot deep, allowing for 6 inches of water over 6 inches of soil. In larger pools we always recommend the use of containers, either tubs or boxes, holding at least one bushel of soil. The depth of the water may be from 6 to 12 inches over the tub or container. Pools need not be more than 24 inches deep. Twenty inches makes a good depth. A separate container should be provided for each Water Lily or Lotus.

## **SOIL**

The best soil for Water Lilies and Aquatic plants is a mixture of three parts of good top soil and one part of thoroughly rotted cow manure, a heavy clay soil is very satisfactory. Muck from swamps, soil from woods, peat moss and sand should NOT be used in the soil. You will find our VALLEY WAGAR a very good substitute for well rotted cow manure, which is very hard to obtain.

## **DO NOT DRAIN POOL BEFORE PLANTING**

Have ready the necessary containers, place them at the proper levels and fill the pool with water. It is easy to plant Water Lilies and Aquatic plants in the soil below the surface of the water. It is important, however, that the crown of the Water Lily (the growing end) should not be below the surface of the sand.

## **PLANTING**

Hardy Water Lilies may be planted quite early in the Spring but not until the water has warmed up so they will start immediately into new growth. For Tropical Water Lilies the first week in June is usually the proper time to plant. Tropical Water Lilies especially should be planted in full sunshine and in a depth of water from 6 to 8 inches. Hardy Water Lilies do best in a depth of water from 8 to 12 inches. Lotus in the same depth as the Tropical Lilies. Shallow water plants should be planted at a depth of from 3 to 6 inches.

## **LOTUS**

Lotus tubers look very much like bananas. The usual cause of failure with Lotus is by careless handling of the tubers, deep planting in soil, too great a depth of water, or transplanting in cold water. They do need rich soil and plenty of room. Place the tuber in a horizontal position 2 inches below the surface of the soil and provide a depth of water 4 to 6 inches when first planted. After becoming well established the depth of water can be increased to a maximum of 12 inches. Eight inches of water is ideal. Handle tubers carefully in unpacking and planting so that the growing end is not broken. All soil in pools should be covered with approximately 1 inch of clean sand which prevents any particles from the soil floating into the water and discoloring it.

## **SCAVENGERS**

Immediately upon arrival place the Scavengers in the pool in shallow water. If shipped a great distance the Scavengers may become dormant and if placed in deep water might not have enough strength to reach the surface of the water and thus adjust themselves to new conditions.

## **WINTER CARE**

The Hardy varieties of Water Lilies can be easily wintered if they are not allowed to freeze. The tender sorts, Tropical Lilies, had best be renewed each year if the best flowering results are to be expected, unless a greenhouse pool is available in which to move them. The one condition necessary for safe wintering of Hardy Lilies is to see that the roots are not actually frozen. In small pools where the Hardy plants are planted in boxes or in the bottom of the pool, it is advisable to drain the pool and fill with leaves. For larger pools where one intends to leave fish in the pool, it is advisable to cover the pool with shutters made of tightly fitting boards. On top of the boards may be raked a pile of leaves 12 to 15 inches thick. The leaves should extend beyond the edges of the pool. It is advisable to cover the leaves with chicken wire to keep the leaves from blowing away. If the roots are planted in boxes, another method is to remove the boxes containing the roots and store in a cool basement, keeping them covered with moist peat moss, leaves or burlap until Spring.

GIVE NAME OF EXPRESS OFFICE IF DIFFERENT FROM POST OFFICE





## PESTS

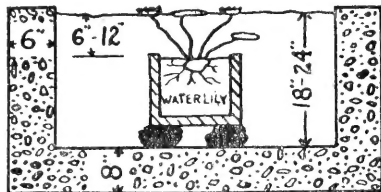
Many people fear that a pool may become a breeding place for mosquitoes. This could easily happen but is most successfully controlled by the introduction of Goldfish into the pool. Goldfish will destroy mosquito wigglers even before they become visible to the naked eye. The Black Aphis is the usual plant pest. It is easily controlled by a force of clean water.

---

## HOW TO BUILD A LILY POOL

Pools may be constructed with straight or curved lines. If you have a good clay bottom you can lay the cement on the clay if not, put in 6 inches of sand beneath cement bottom. Be sure to have sand well packed. Allow for overflow and drainage pipe before putting in the cement. The ideal water pool is about two feet deep.

Good results can be obtained from a mixture of one part Portland cement, two parts sharp sand, and three parts half-inch gravel, mixed with water and poured over the bottom and up the sides. The rough places of the concrete may be smoothed down by applying a thin coat of cement with a trowel or paint brush. It is important to keep newly poured concrete moist for several days by sprinkling frequently several times over a period of ten days. Fill and empty pool at least 3 times in a period of two weeks before placing fish or plants in pool. The alkali in the cement may kill the fish and plants if placed in the pool too soon.



---

## *Valley Wagar*

### THE PERFECT WATER LILY FERTILIZER

WAGAR is the scientifically balanced fertilizer that contains everything that water lilies and aquatics require, and is excellent for all flowers and shrubs. Use one and one-half to two pounds for each lily and mix well into the soil in the **bottom** of pool, box or container in which the lily is planted. WAGAR placed too near the top of the soil may cause the water to become discolored for a short time, but the oxygenating and floating plants will soon remedy this condition.

**FERTILIZING DURING SUMMER** — Water lilies are very heavy feeders. You will get more and larger blooms if you feed them WAGAR 3 or 4 times during summer.

**SPRING FERTILIZING** — When the pond is being cleaned in the spring remove top layer of soil and spade in two pounds of WAGAR. Replace top soil.

\$ .40 per lb.; 3 lbs., \$1.15; 7 lbs., \$2.25; 12 lbs., \$3.75 and 25 lbs., \$7.00

# PERENNIALS FOR YOUR GARDEN

## Beautiful Mums

Why not add these beautiful Chrysanthemums to your garden. They start blooming in September and continue into November.

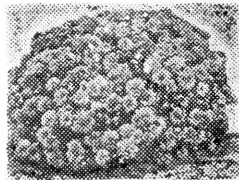
**WINTERSET** — Large White—Medium height—Blooms Oct. 15th.

**CHARLES NYE** — Most popular golden yellow — Large — Tall — Blooms Sept. 15th.

**LAVENDER LADY** — Large lavender pompom — Medium height — Blooms Oct. 21st.

**COURAGEOUS** — Beautiful bright red — Large — Medium height — Blooms Oct. 1st.

**RED CUSHION** — Large deep red — 18 inches — Height — Blooms Sept. 15th.



Mums

**EACH 50 CENTS      3 FOR \$1.25      6 FOR \$2.25**

**CUSHION MUMS — ALL COLORS — SEMI-DWARF**

**OUR CHOICE — 4 FOR \$1.25**

## VIOLETS

A beautiful large flowered blue violet. 2 year clumps make a lovely blue mound. Blooms held on 7 or 8 inch stems. Fine for cutting.

**ONLY 25¢ EACH; 3 FOR 65¢ 6 FOR \$1.10**

## IRIS

**MADAME CHEREAU** — Rich, heavenly two-tone light blue Iris. Flowers are large, uniform and of exquisite beauty. A welcome addition to any border or garden.

**EACH \$ .35; 3 FOR \$1.00; 12 FOR \$3.00**

## AQUILIGIAS (Columbine)

These include a full array of color, and are brilliant long-spurred varieties. Since these are hybrids we cannot guarantee colors. Blooms in May and June. Hardy.

**EACH \$ .45; 3 FOR \$1.25**



Columbine

## *Dwarf Hardy Aster - - Blue Boy*

**A PERFECT ROUND GLOBE OF HUNDREDS OF LARGE TRUE BLUE FLOWERS IN EARLY FALL. GROW 15 INCHES. A TRULY FINE ADDITION TO YOUR FLOWER BORDER.**

**75¢ EACH      3 FOR \$2.00      6 FOR \$3.75**